

Floods Caused by Tropical Systems: James River at Bent Creek

Latitude: 37.536

Period of Record: 1870-Present

Longitude: -78.825

Flood Stage: 16 ft

Last Flood: 1/26/2010

Number of Floods: 51

Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
11/5/1985	30.76	226,000	Hurricane Juan produced more than 1 inch of rain in VA with more than 7 inches reported in higher elevations. A coastal low pressure system produced an additional 1-7 inches of rain and caused widespread major flooding in Virginia and Maryland.
6/21/1972	27.13	176,000	Hurricane Agnes made landfall again over southeastern New York on June 22 and moved westward into Pennsylvania. Rainfall totals from June 20-25 range from 2-3 inches in the Upper Potomac to 18 inches near Shamokin, Pennsylvania.
8/20/1969	24.77	144,000	Remnants of Hurricane Camille produced 12-20 inches of rainfall. In Virginia, most of the rainfall occurred in a 3-5 hour period and caused several record-setting floods.
9/8/1987	20.25	101,000	Tropical Depression Nine merged with a cold front to produce over 5 inches of rain in Virginia and 3-7 inches of rain in Pennsylvania.
8/16/1940	19.63	86,200	As a strong Category 1 storm, the Southeast Hurricane produced over 1 inches of rain just south of our basins and caused widespread flooding across Virginia.
9/7/1996	19.28	91,500	Hurricane Fran produced up to 16 inches of rain in the western part of Virginia and up to 7 inches in the Juniata Basin in Pennsylvania. Fran was the worst flood even to hit Maryland since Hurricane Hazel and the January 1996 Flood.
8/17/1928	18.80	74,000	The weather summary is unavailable at this time.
9/10/1950	17.80	69,200	Hurricane Dog's outer rainbands produced upwards of 3 inches of rain in parts of Virginia over a short period of time.

Drainage Area: 3649 sq mi

Tropical information before 1940 is limited.

County of Gage: Nelson

Gage Datum: 381.39 ft MSL

James Basin

County of Forecast Point: Appomattox

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Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
9/6/1935	17.05	66,000	The "Labor Day Hurricane" dumped heavy rain along the East Coast. A total of 16.62 inches of rain was reported in Easton and 12.1 inches of rain was reported in Salisbury, MD.
9/29/2004	16.97	71,300	Hurricane Jeanne stalled a cold front and supplied the front with much-needed moisture. As a result, 1-day rainfall totals ranged from 1 - 6 inches throughout the Mid-Atlantic region.

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James Basin

County of Gage: Nelson
County of Forecast Point: Appomattox